

4002464 030702

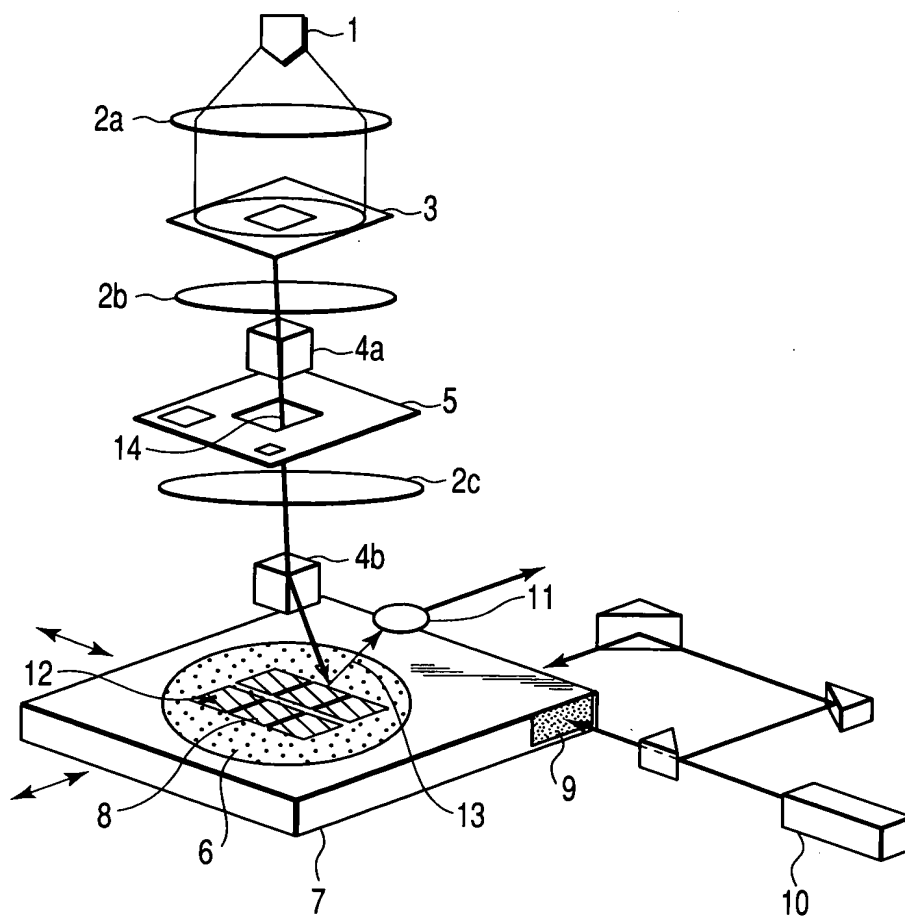


FIG. 1 PRIOR ART

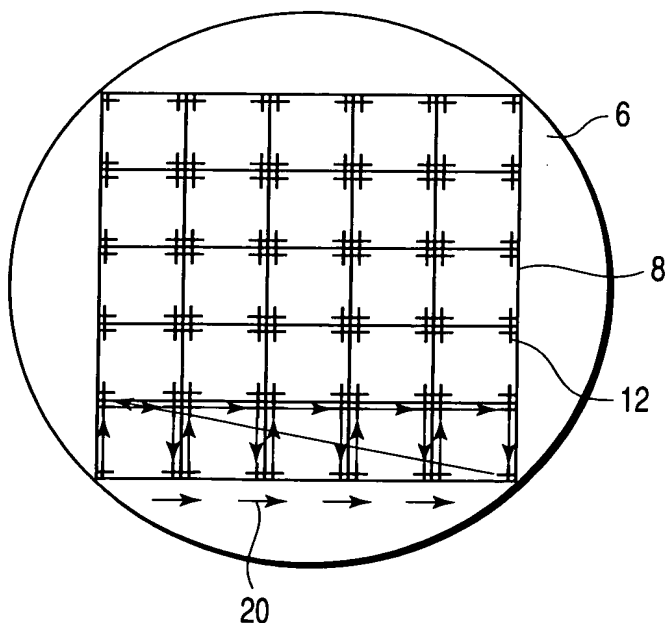


FIG. 2A

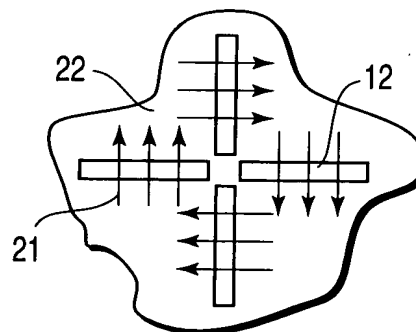


FIG. 2B

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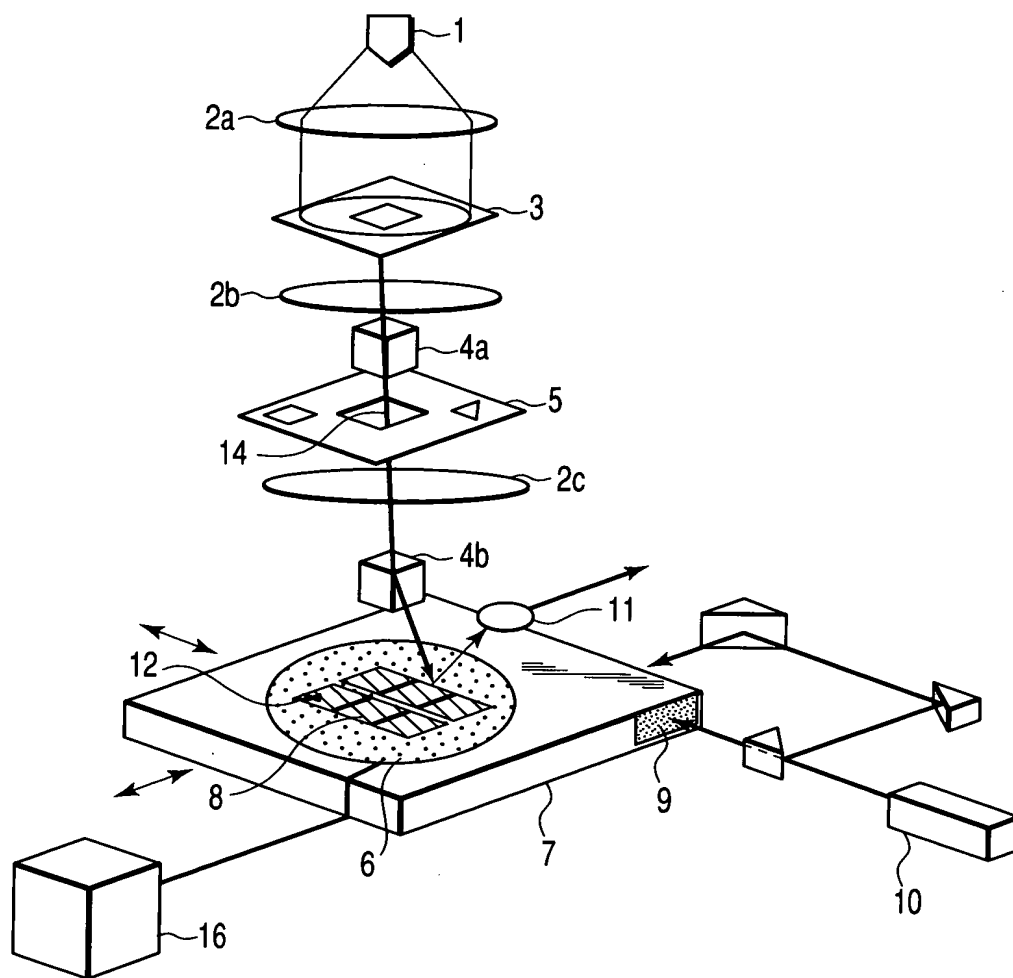


FIG. 3A

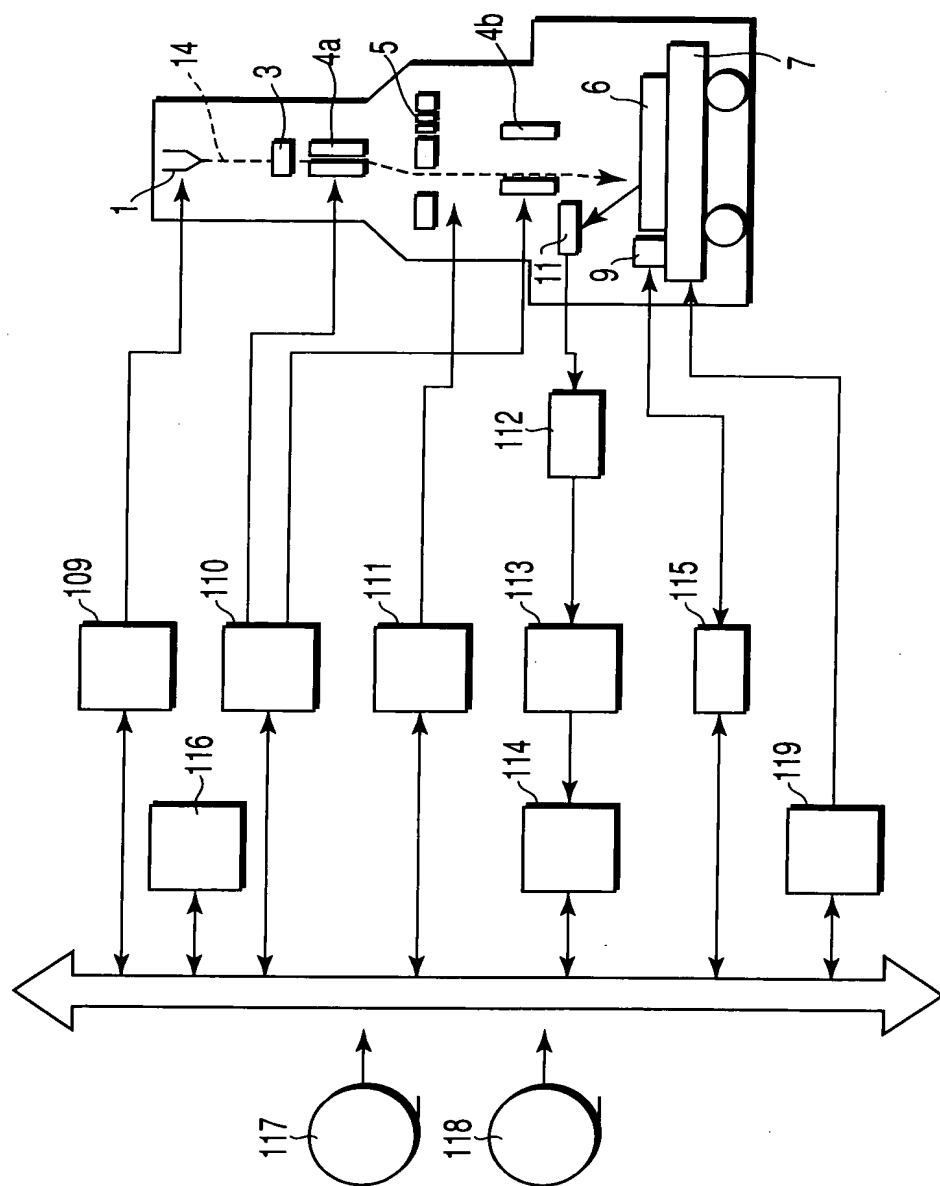


FIG. 3B

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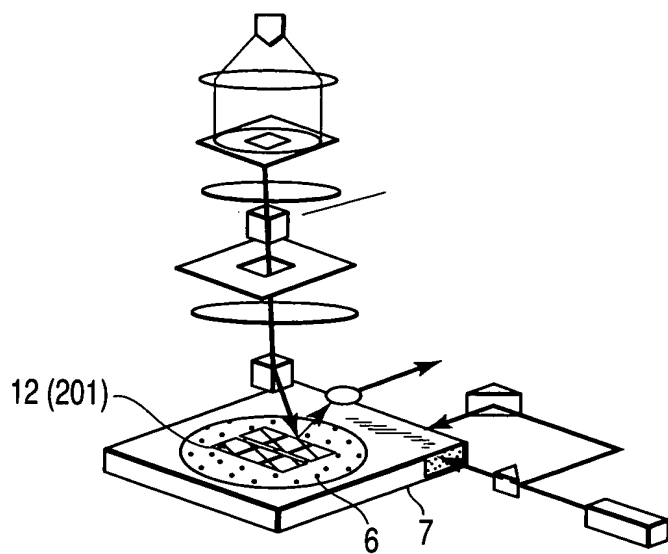


FIG. 4A

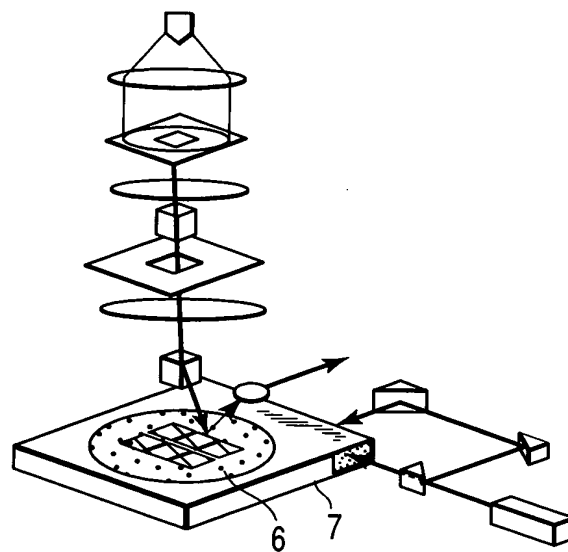


FIG. 4C

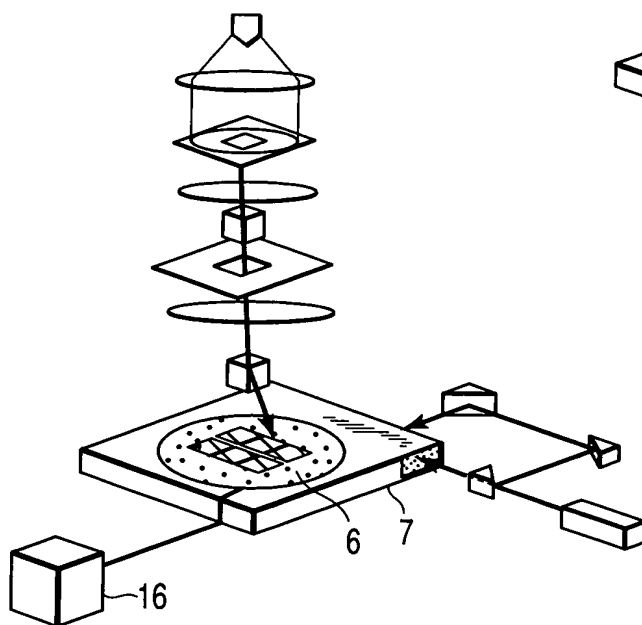


FIG. 4B

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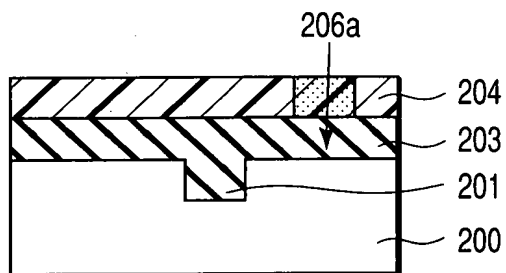


FIG. 5A

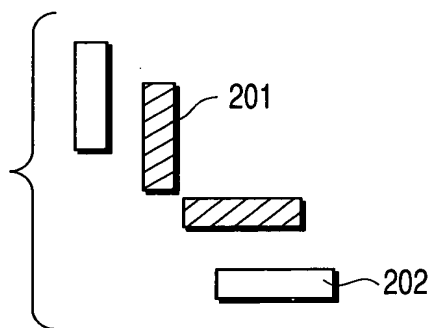


FIG. 5B

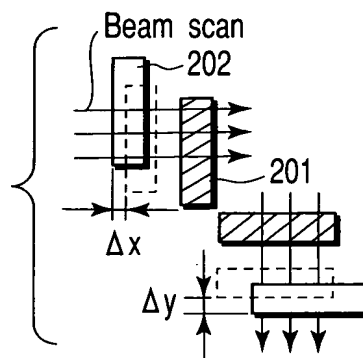


FIG. 5C

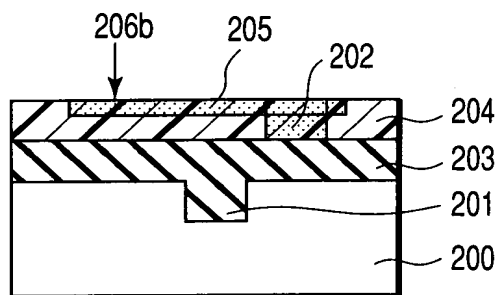


FIG. 5D

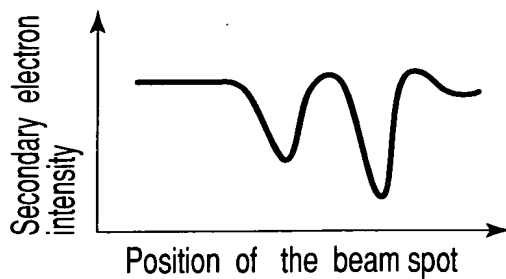


FIG. 5E

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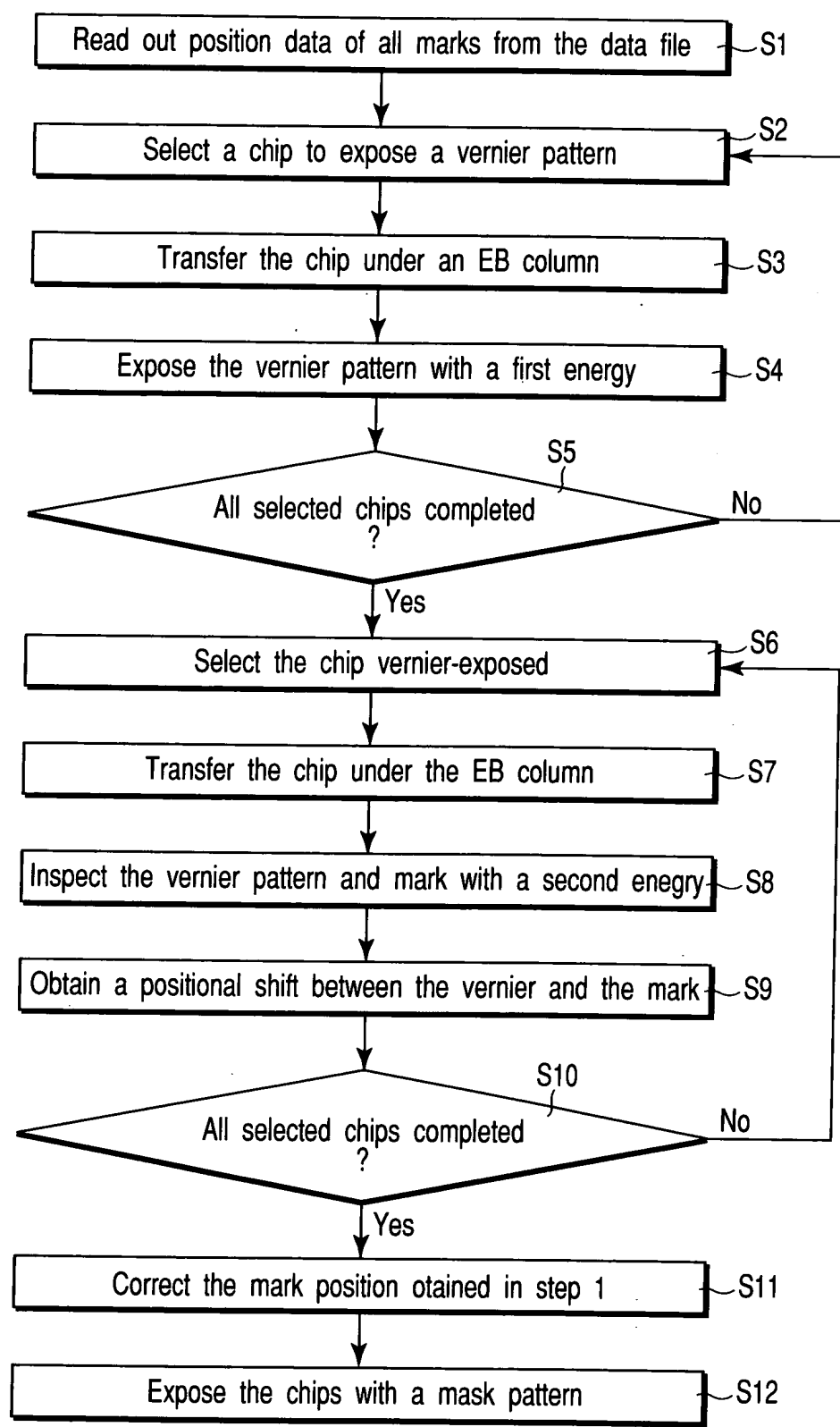
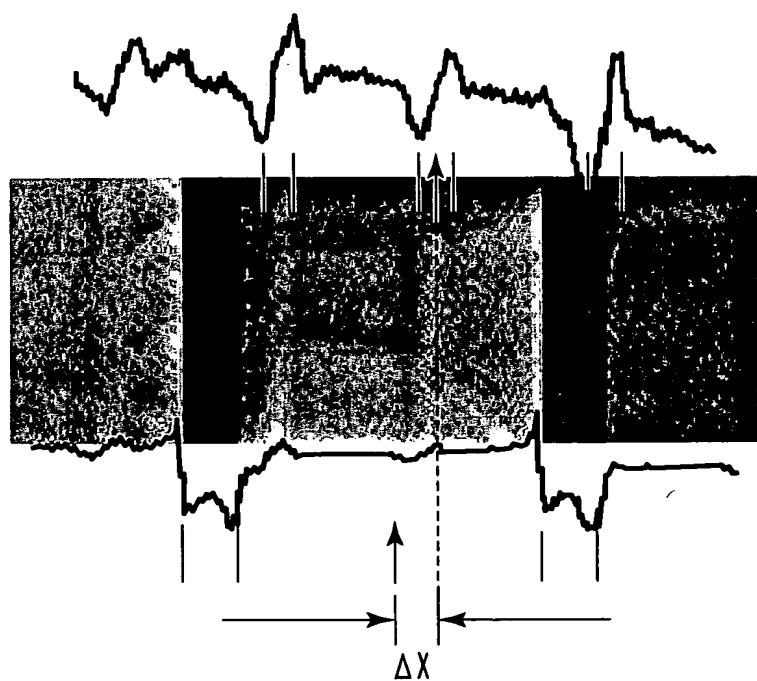
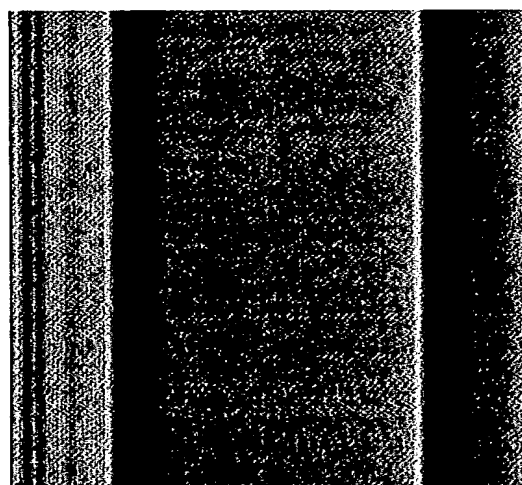


FIG. 6

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F I G. 7



Mark image

F I G. 9B

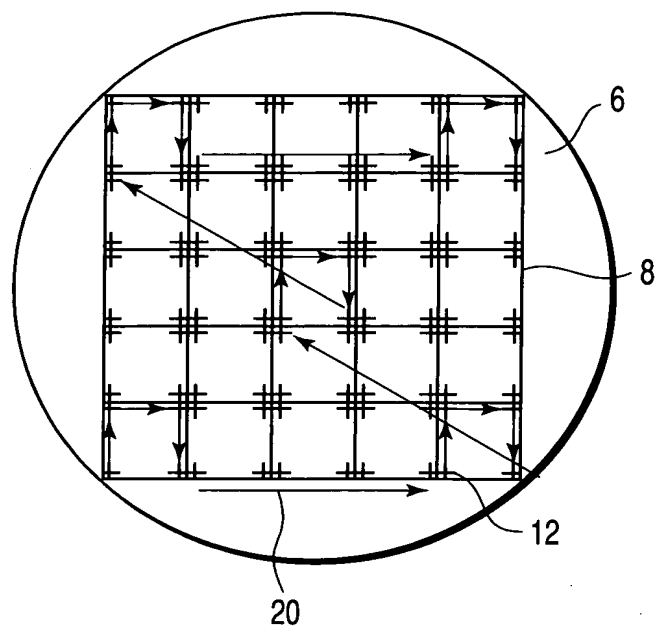


FIG. 8

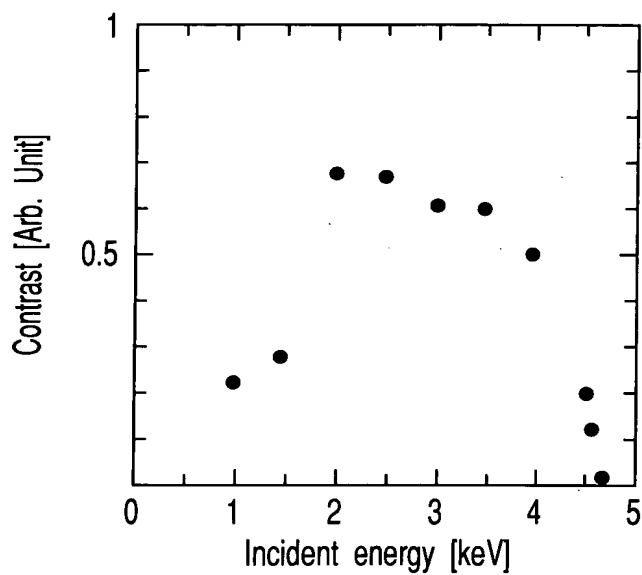


FIG. 9A

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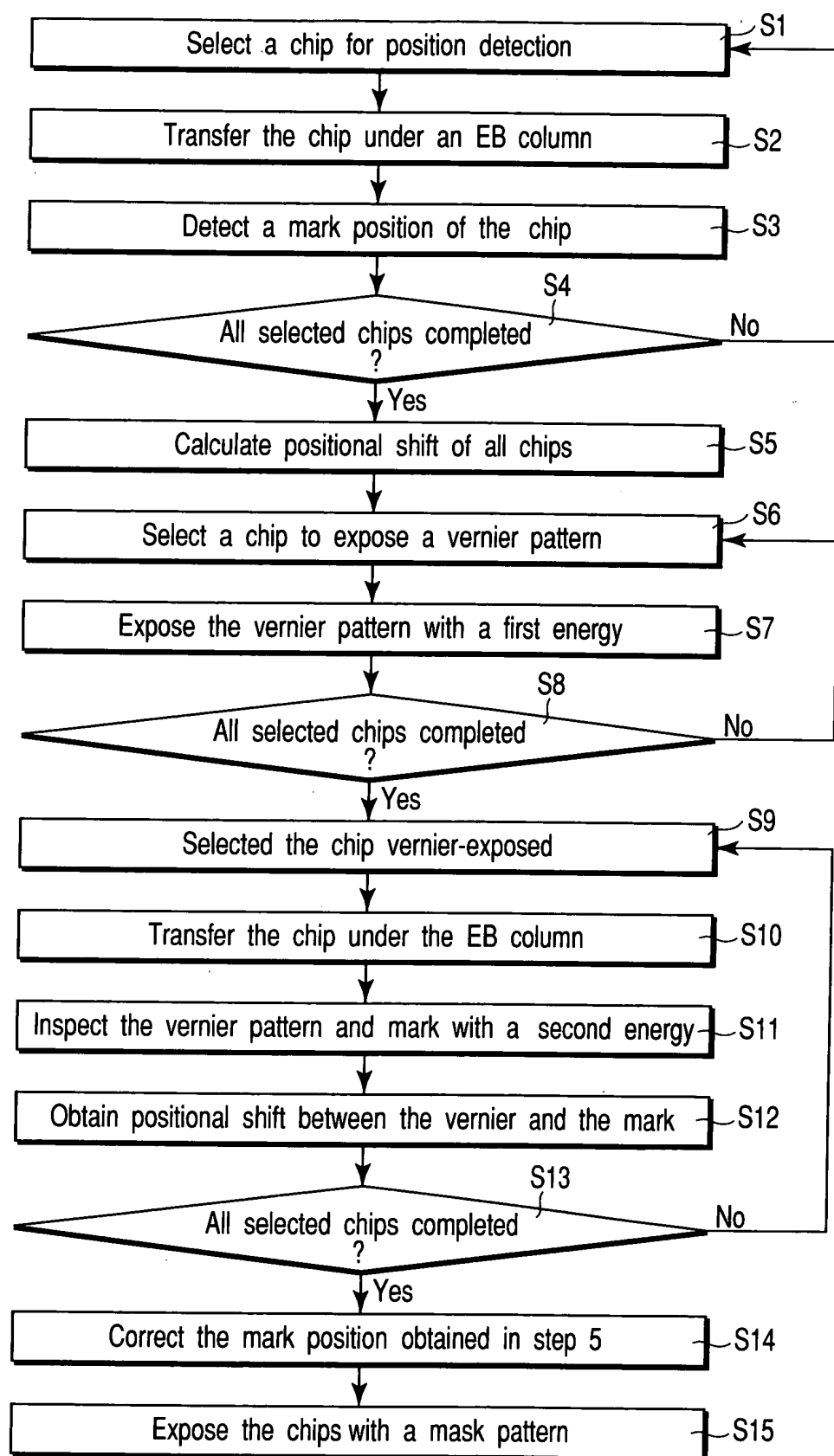


FIG. 10

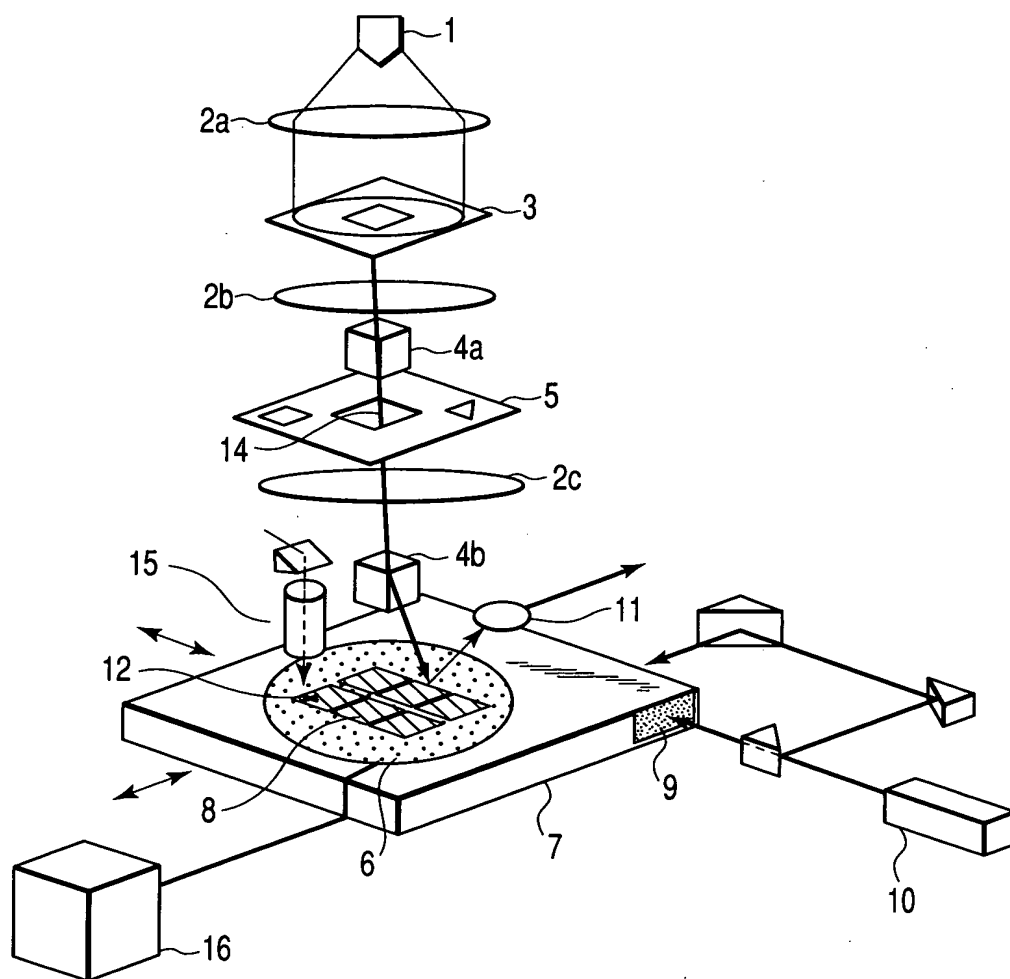


FIG. 11

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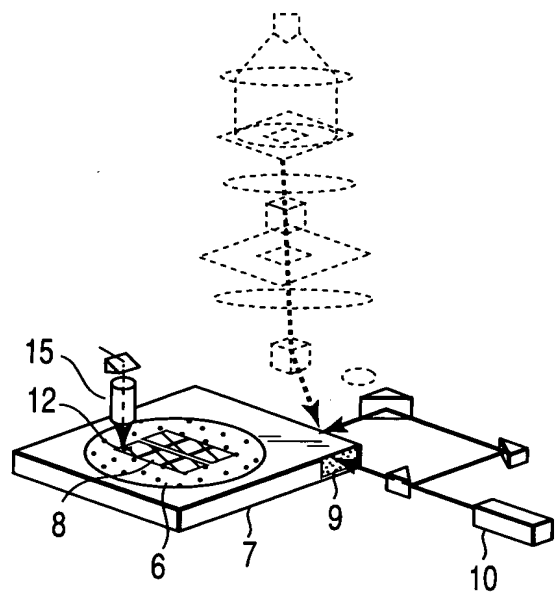


FIG. 12A

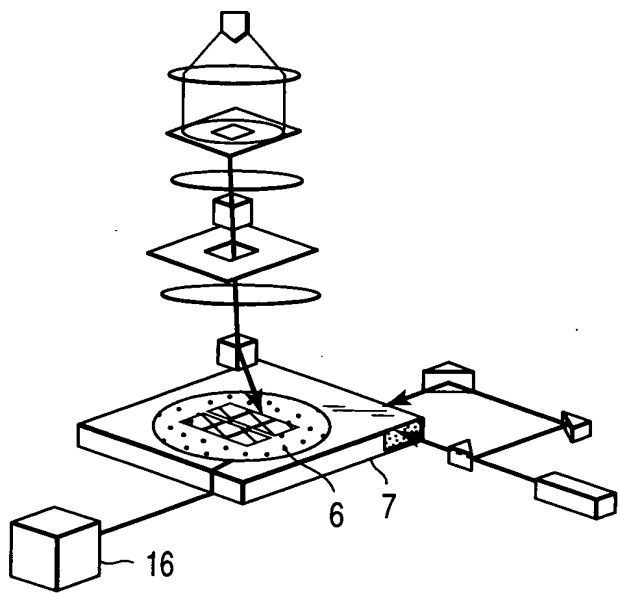


FIG. 12C

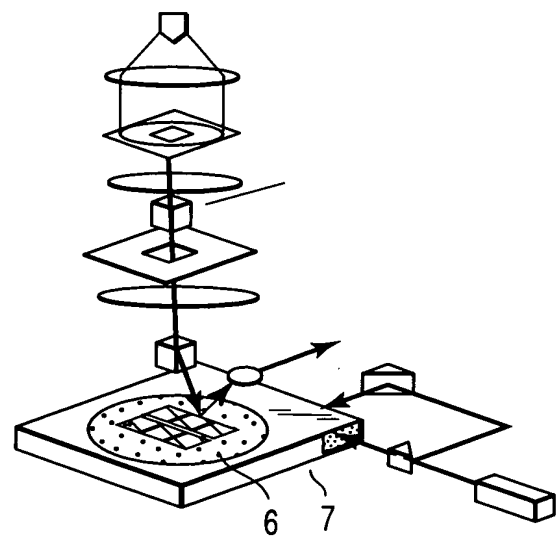


FIG. 12B

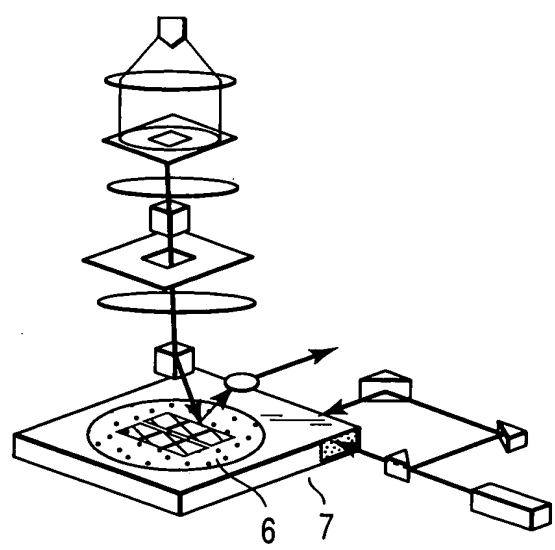


FIG. 12D

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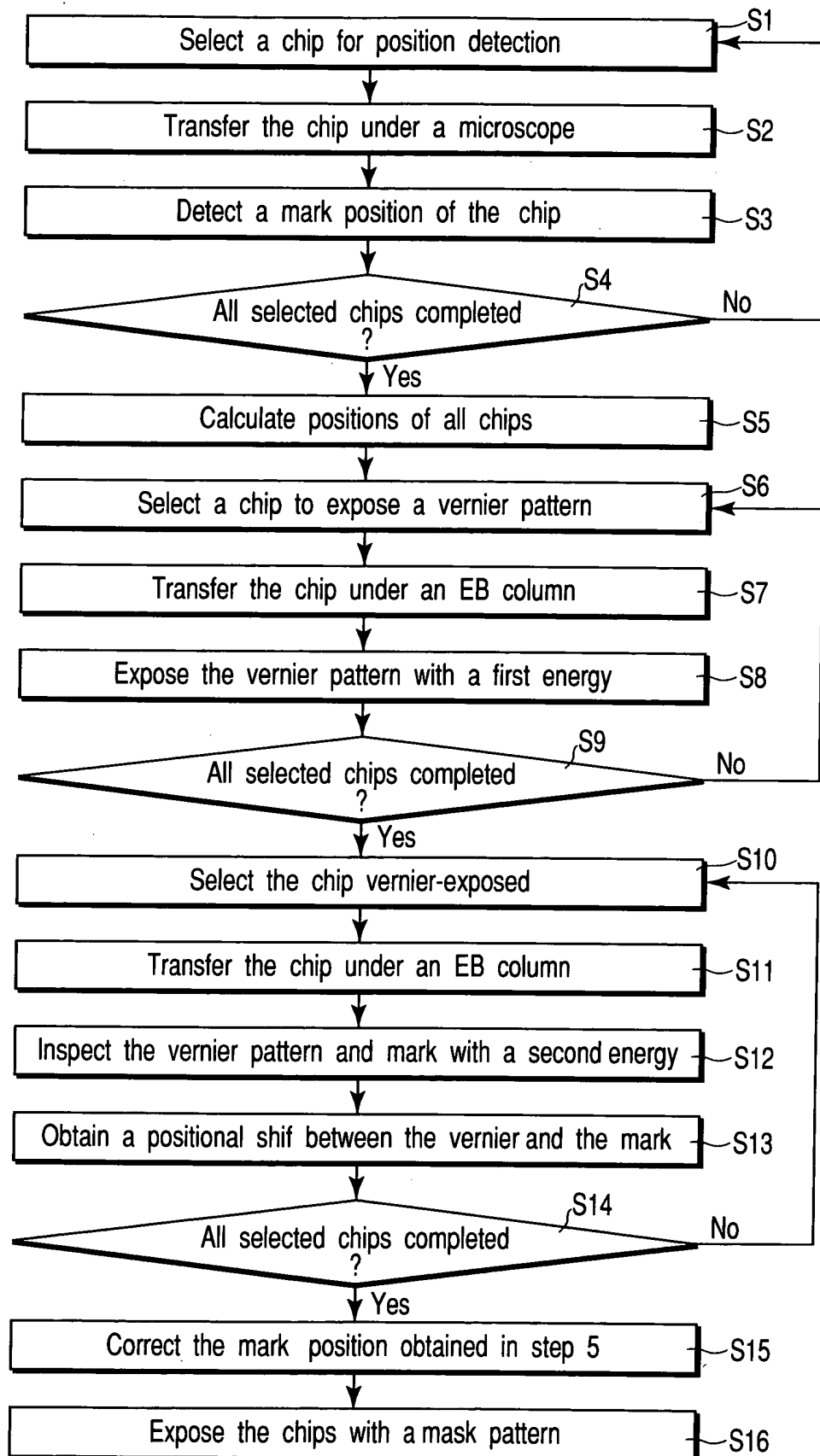


FIG. 13

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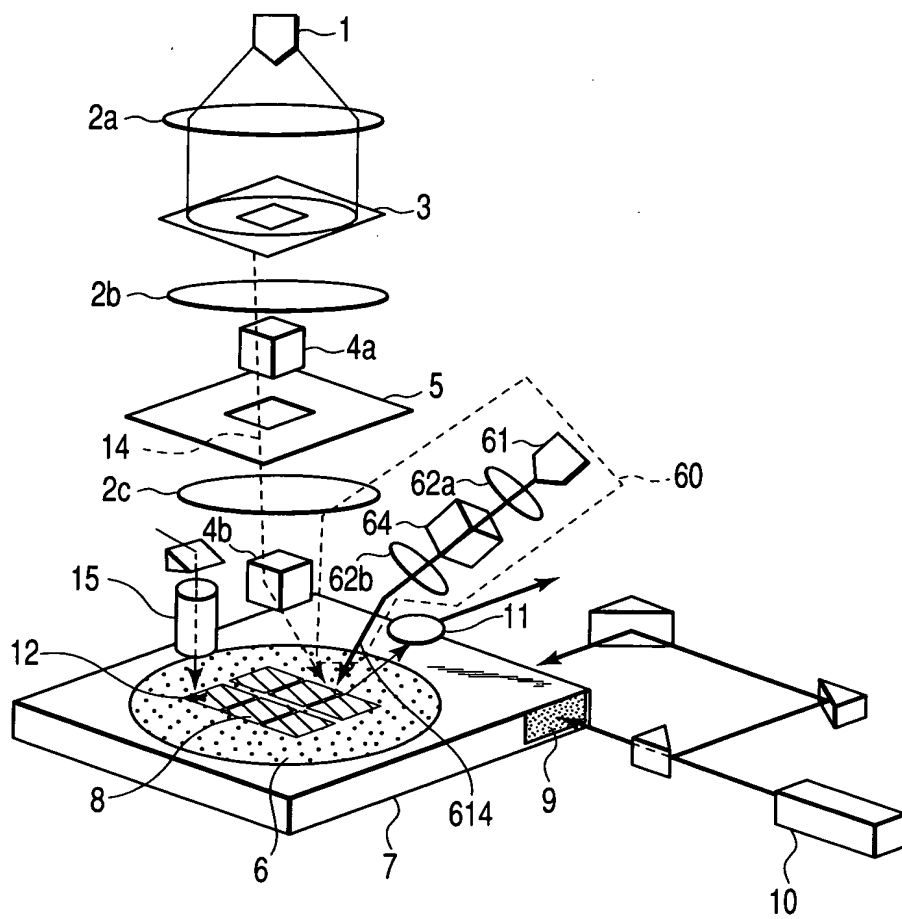


FIG. 14

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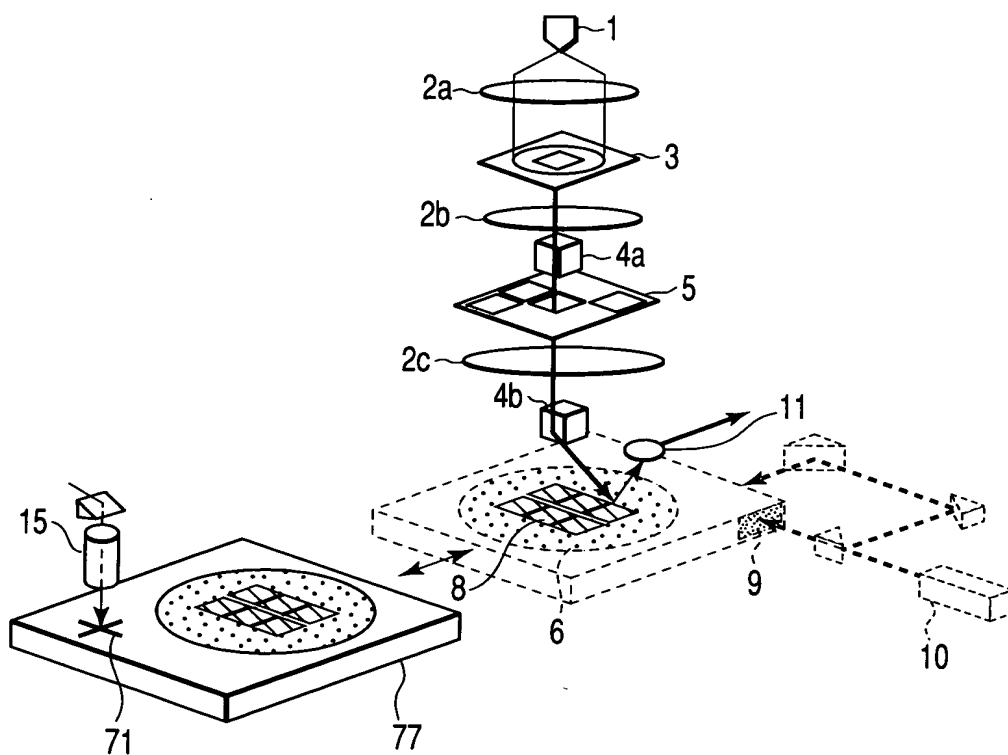


FIG. 15A

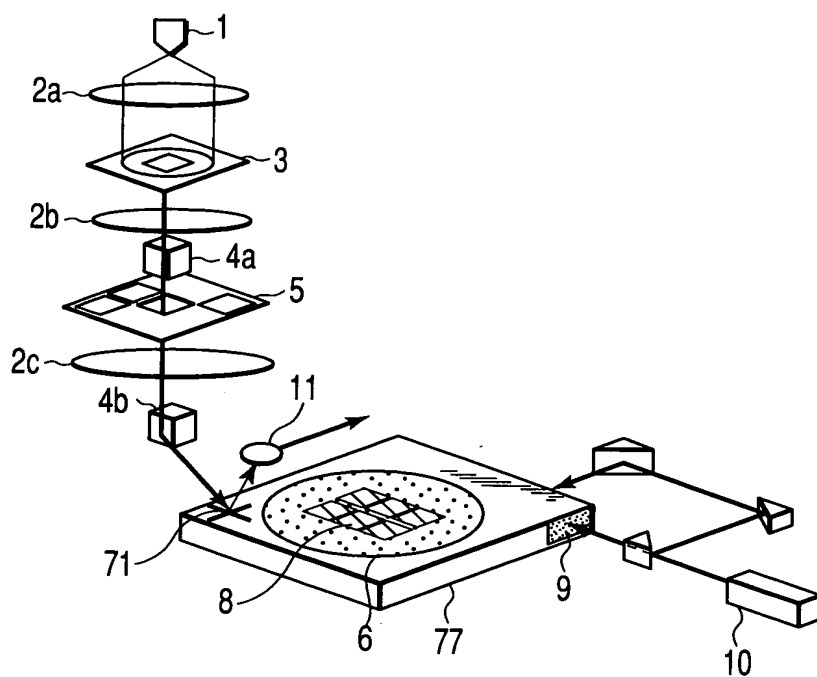


FIG. 15B

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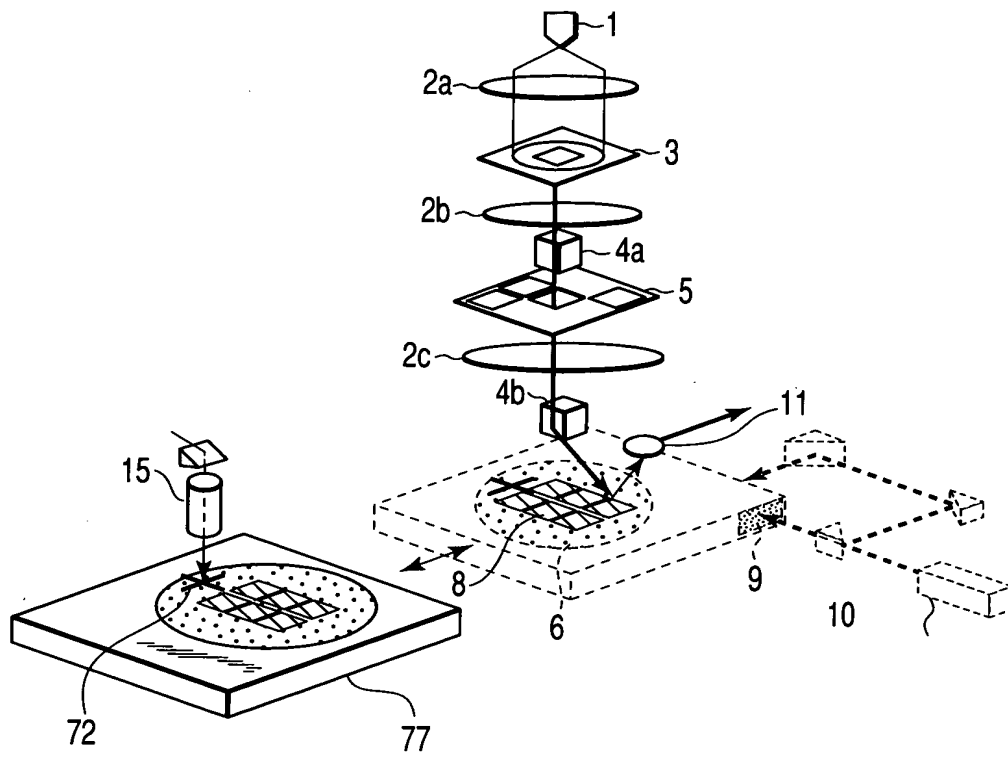


FIG. 16A

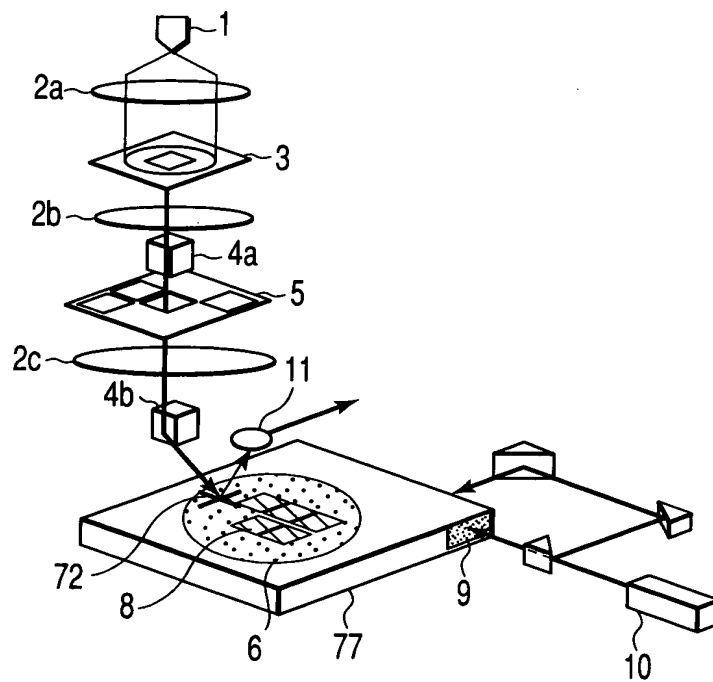


FIG. 16B

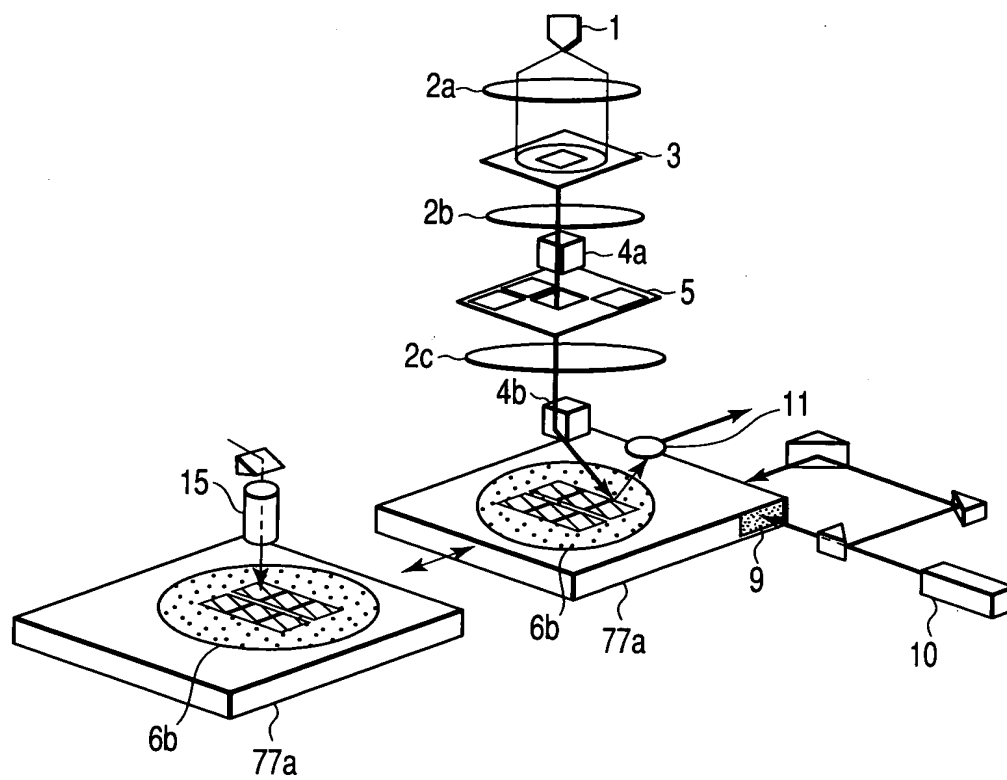


FIG. 17

FIG. 18A

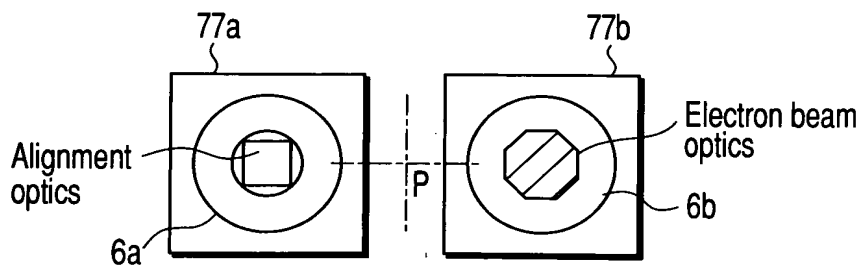


FIG. 18B

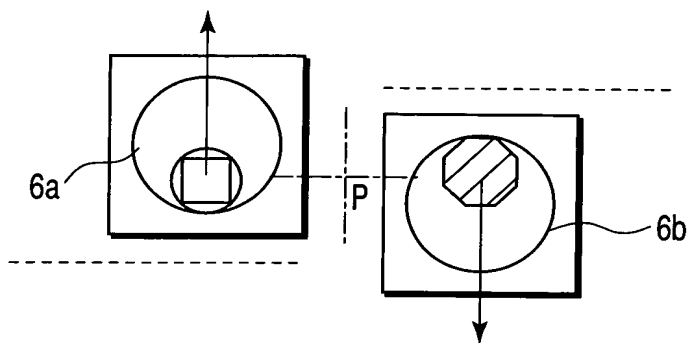


FIG. 18C

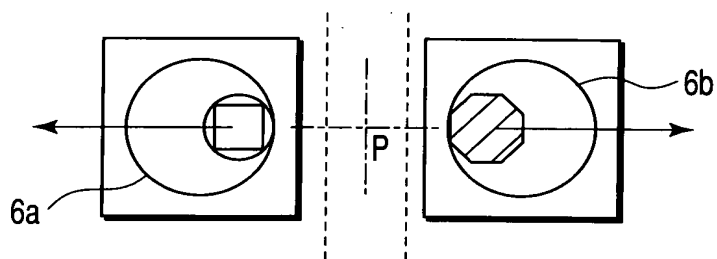


FIG. 19

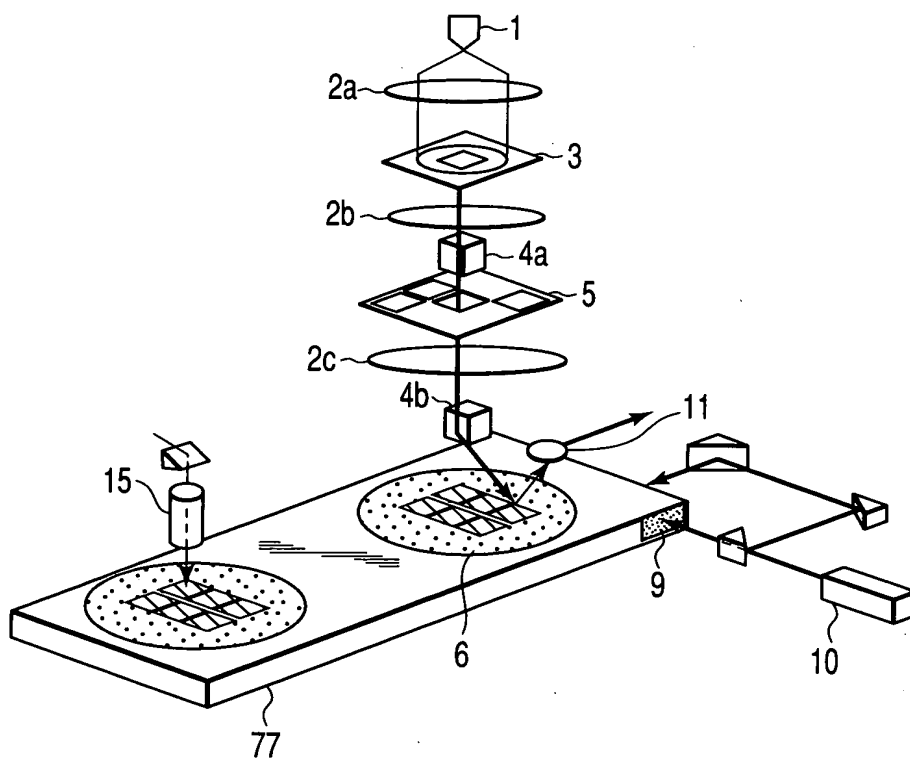


Figure 1 is a schematic diagram of a beam transport system, showing seven stages of beam transport and alignment, labeled (1) through (7) on the left. A vertical arrow indicates the direction of beam transport from stage (1) to (7).

The diagram includes the following components and labels:

- Pallet position B**: Indicated by a dashed box at stage (1).
- Pallet position A**: Indicated by a dashed box at stage (2) and (3).
- Alignment optics**: Represented by a circle with a square inside, shown at stages (1) through (7).
- Electron beam optics**: Represented by a circle with a hexagon inside, shown at stages (1) through (7).
- Beam components**: Labeled 6a, 6b, 6c, and 6d, representing different beam types or positions.
- Load and unload position A**: Indicated by a dashed box at stage (4).
- Load and unload position B**: Indicated by a dashed box at stage (7).

The diagram illustrates the sequence of beam transport and alignment steps, showing how the beam is moved from one position to another, aligned, and then transported further.

FIG. 20

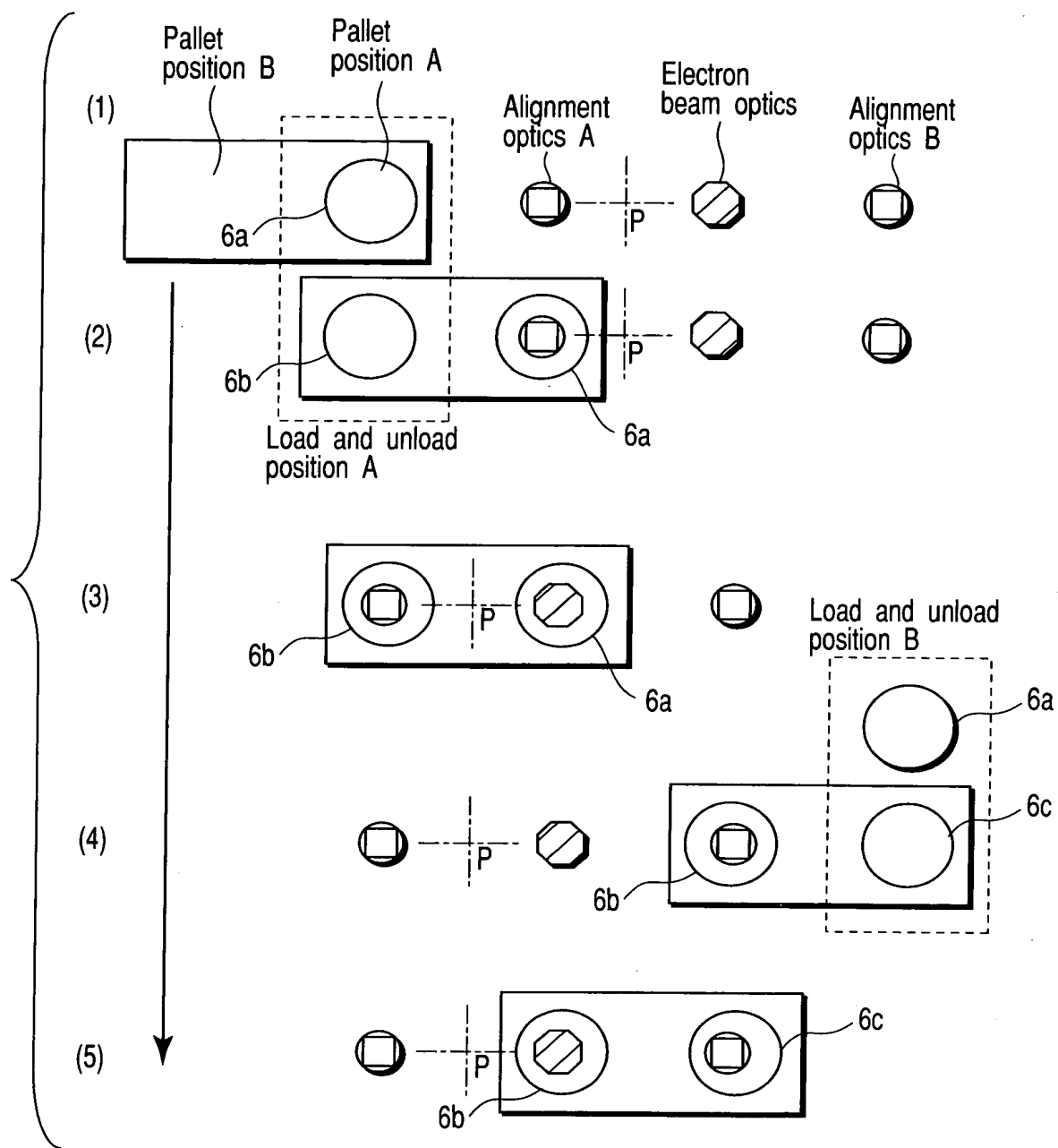
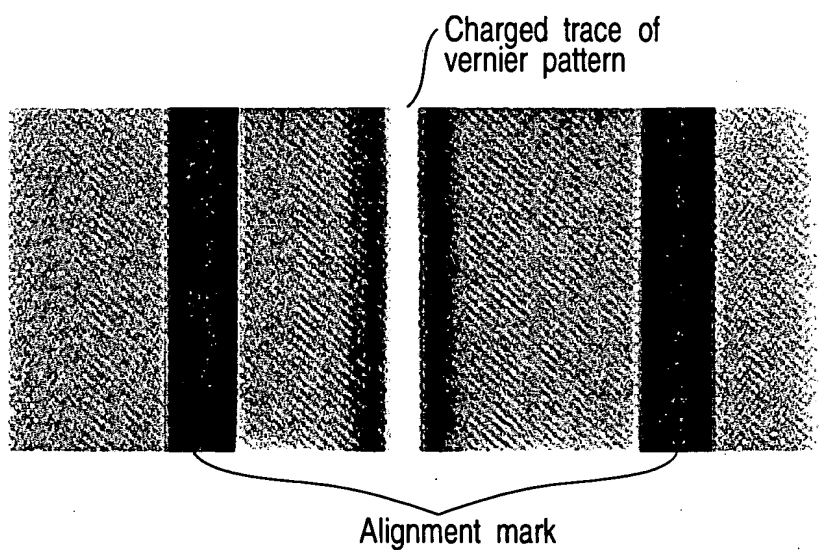


FIG. 21

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